

From: [Casey, Carolyn](#)
To: [Tisa, Kimberly](#)
Subject: FW: USM PCB proposed analytical changes
Date: Monday, September 17, 2018 2:26:00 PM
Attachments: [Figure13 Revised Version.pdf](#)

Could you please take a look at the text below – proposed changes to the analytical method – first para. Is this appropriate?

The proposed sampling locations look fine to me.

Thanks

Carolyn

From: Craig Ziady [mailto:craig@cummings.com]
Sent: Friday, September 14, 2018 6:18 PM
To: Casey, Carolyn <Casey.Carolyn@epa.gov>; Zucker, Audrey <Zucker.Audrey@epa.gov>; Wainberg, Daniel <Wainberg.Daniel@epa.gov>; Murphy, Jim <Murphy.Jim@epa.gov>; Miano, John (DEP) <john.miano@state.ma.us>
Cc: Bruce Hoskins <BHoskins@FslAssociates.com>; Steve Drohosky <sjd@cummings.com>; Gregory Flaherty <gxf@cummings.com>
Subject: Sampling misc. and revised schedule

Hi Carolyn – Further to our email last week, please be advised that our sampling schedule remains on track for September 27 and September 29, as indicated, with the following minor adjustments:

1. Our QAPP-approved laboratory has informed us that concrete dust affects the soxlet extraction process such that it cannot do the PCB homolog analysis that we have been doing for groundwater (and can also do for the ecological samples). It can only do the standard EPA Aroclor method (Method 8082). We do not believe this is an issue, as all existing regulations are based on either PCB Aroclors or total PCB, but we wanted to make you aware of what the laboratory informed us; and
2. The PCB sampling locations in the former North Shore Regional Vocational School will be approximately as shown on the attached revised figure 13. Several of the locations originally proposed in the Workplan needed to be modified slightly due to the specialized laboratory flooring that currently exists in the tenant space at Suite 451-C (North Shore InnoVentures). The tenant's laboratory operations occur in rooms containing specialized heat-seamed containment sheet flooring that cannot be breached (and which also provides a secondary barrier to any potential historical residue that may have been present in the concrete underlayer). The revised (carpeted) locations (shown in red) remain within the areas that formerly housed NSRVS's machine shop rooms, where we understand PCBs were formerly used.

In addition, please see revised schedule below:

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- Fourth round of groundwater sampling for non-vapor intrusion wells: by September 27, 2018
- PCB building sampling in Building 100 (former vocational school): by September 29, 2018
- BERA Work plan and revised QAPP for EPA review: by October 5, 2018

- EPA approval of BERA work plan and revised QAPP: by November 5, 2018
- Start BERA field sampling: by November 12, 2018
- End BERA field sampling: by November 21, 2018
- Start BERA toxicity test: by December 20, 2018
- End BERA toxicity tests: by January 31, 2019
- BERA Toxicity lab report receipt: by February 28, 2019
- Draft RCRA Facility Investigation (RFI) Report – to include BERA report, complete human health risk assessment, and data validation as appendices: by April 30, 2019
- EPA approval of RFI: by May 30, 2019
- Environmental Indicators Submittal: by June 15, 2019
- Media Cleanup Standards (MCS) Proposal: by July 7, 2019
- EPA approval of MCS : by August 7, 2019
- Draft Corrective Measure Study (if needed): by October 31, 2019

Please let me know if you have any questions.

Thank you.

Craig

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From: Craig Ziady
Sent: Wednesday, September 05, 2018 5:12 PM
To: Casey, Carolyn; Zucker, Audrey; Wainberg, Daniel; Murphy, Jim; Miano, John (DEP)
Cc: Bruce Hoskins; Steve Drohosky
Subject: Notice of sampling

Hi Carolyn – Please be advised that we have scheduled the next round of groundwater sampling for Thursday, September 27 and indoor PCB sampling in the former vocational school for Saturday, September 29, 2018.

Please let me know if you have any questions.

Thank you.

Craig

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